

CLAIMS

What Is Claimed Is:

1. An electronic target monitoring system, said system comprising:
 - 5 a target device adapted for attachment to a target person comprising a target transmission circuit, circuit having sensors that transmit a detectable signal when the target device extends beyond a predetermined first range or when a predetermined device comes within a predetermined second range of said target device; and
 - 10 a monitoring device having a means for determining when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range.
2. A device as recited in claim 1, wherein said target device comprises:
 - 15 at least one means for attaching said target device to a person;
 - antenna for receiving and transmitting signals;
 - means for monitoring power;
 - sensor means that detects when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range; and
 - 20 means for communicating to said monitoring device when said predetermined device comes within said predetermined first range of said target device and when said target device goes beyond said predetermined second range.

3. A device as recited in claim 1, wherein said target transmission circuit comprises:

means for generating an electric field;

sensor circuit;

5 oscillator stage;

message decoder circuit;

digital receiver of codified signal;

trigger circuit;

logic digital circuit;

10 alarm circuit;

output stage; and

transmitter.

4. A device as recited in claim 1, wherein said monitor transmission circuit
15 comprises:

a receiver for receiving electric field related signals generated and
transmitted by said target device;

transmission-reception synchronization circuit;

comparator circuit;

20 trigger circuit;

electronic switch circuit; and

alarm circuit.